NC/PMC/W-15/2018-19/CGR-CB1 Date: 25-03-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15 }

Ref.: Material testing/W-15/PMC/18-19,

Report Required for: Assistant Executive Engineer,
T DASARAHALLI Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	18-03-19	25-03-19	07	22500	365	16.22	**16.15**
	002	"	"	"	"	370	16.44	
	003	"	"	"	"	355	15.78	

K. R
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M.E. (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

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NC/PMC/W-15/2018-19/CGR-CB2 Date: 27-03-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15 }
Ref.: Material testing/W-15/PMC/18-19,
Report Required for: Assistant Executive Engineer,
T DASARAHALLI Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	20-03-19	27-03-19	07	22500	365	16.22	**16.37**
	002	"	"	"	"	380	16.89	
	003	"	"	"	"	360	16.00	

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For Newzen Consultants Bangalore

Prop.

NC/PMC/W-15/2018-19/CGR-CB1a

Date: 15-04-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15 }

Ref.: Material testing/W-15/PMC/18-19,

Report Required for: Assistant Executive Engineer,
T DASARAHALLI Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	18-03-19	15-04-19	28	22500	505	22.44	**22.07**
	002	"	"	"	"	495	22.00	
	003	"	"	"	"	490	21.78	

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For Newzen Consultants Bangalore

Proprietor

NC/PMC/W-15/2018-19/CGR-CB2a

Date: 17-04-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15 }

Ref.: Material testing/W-15/PMC/18-19,

Report Required for: Assistant Executive Engineer,
T DASARAHALLI Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	20-03-19	17-04-19	28	22500	500	22.22	**22.52**
	002	"	"	"	"	515	22.89	
	003	"	"	"	"	505	22.44	

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For Newzen Consultants Bangalore

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NC/PMC/W-15/2018-19/CGR-C4 Date: 03-04-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15 }

Ref.: Material testing/W-15/PMC/18-19,

Report Required for: Assistant Executive Engineer,
T DASARAHALLI Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**158 min**	Shall not be less than 30 min
2	Final setting time	**275 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.18%**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.92 mm**	Shall not be more than 10 mm
5	Compressive strength c) 3 days (average of three results)	**28.82 N/Sq mm**	Shall not be less than 27 N/Sqmm

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EMAIL:newzen576@gmail.com

NC/PMC/W-15/2018-19/CGR-PCC3 Date: 03-04-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15 }

Ref.: Material testing/W-15/PMC/18-19,

Report Required for: Assistant Executive Engineer,
T DASARAHALLI Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	100.00	100.00
20mm	**97.45**	85-100	95 - 100
10mm	**47.60**	0 - 20	25 - 55
4.75mm	**7.25**	0 - 5	0 - 10

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**98.10**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**86.45**	60-95	75-100	85-100	
01.18	**68.15**	30-70	55-90	75-100	
600.mic	**55.90**	15-34	35-59	60-79	
300.mic	**19.30**	5-20	8-30	12-40	
150.mic	**7.60**	0-10	0-10	0-10	

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For Newzen Consultants Bangalore

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NC/PMC/W-15/2018-19/CGR-CB8 Date: 15-04-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15 }

Ref.: Material testing/W-15/PMC/18-19,

Report Required for: Assistant Executive Engineer,
T DASARAHALLI Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	08-04-19	15-04-19	07	22500	515	22.89	**23.78**
	002	"	"	"	"	540	24.00	
	003	"	"	"	"	550	24.44	

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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore
Proprietor

NC/PMC/W-15/2018-19/CGR-CB9 Date: 16-04-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements to Roads ,C.C Drains and Covering Slab at Coconut Garden Roads And Krishnegowda Layout & Surrounding Area in ward No 15 }

Ref.: Material testing/W-15/PMC/18-19,

Report Required for: Assistant Executive Engineer,
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BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	09-04-19	16-04-19	07	22500	515	22.89	**22.89**
	002	"	"	"	"	505	22.44	
	003	"	"	"	"	525	23.33	

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